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Appl. No. 10/068,320
Atty Docket: CG-949
Inventor: Culley

IN THE CLAIMS

1. (currently amended) A closure container combination apparatus with a tamper indicating band arrester, comprising:

a closure having a top wall and skirt depending from a peripheral edge of said top wall;

said skirt having a thread extending radially inward from an inner surface thereof;

a tamper indicating band releasably connected to said skirt by a plurality of

frangible webs;

~~said tamper indicating band having~~ an annular step extending inwardly from an inner surface of said tamper indicating band;

a tamper indicating bead extending radially inwardly from said tamper indicating band, said bead positioned axially below said annular step;

a corresponding container with a container neck and a finish bead having an upper portion defined by a first diameter and a lower portion defined by a second diameter each extending about said container neck, said first diameter and said second diameter joined by a finish bead transition surface extending radially outward from said upper portion to said lower portion;

said annular step operably engaging said lower portion of said finish bead; and,

said tamper indicating bead being positioned below said lower portion of said finish bead and having a smaller diameter than said lower portion of said finish bead.

2. (canceled)

3. (canceled)

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4. (canceled)
5. (previously presented) The closure apparatus with a tamper indicating band arrester of claim 1 further comprising a knurled finish on an outer surface of said skirt.
6. (previously presented) The closure apparatus with a tamper indicating band arrester of claim 1 further comprising a frangible webs adjacent an upper portion of said finish bead.
7. (previously presented) The closure apparatus with a tamper indicating band arrester of claim 1 further comprising a rotary seal depending downwardly and inwardly from said top wall and extending upwardly and outwardly from said skirt.
8. (currently amended) A closure with a tamper indicating band arrester, comprising:
 - a closure having a top wall and a skirt depending from a peripheral edge of said top wall;
 - said skirt having a thread extending radially inward from and helically about an inner surface thereof;
 - a tamper indicating band frangibly connected to a lower edge of said skirt by a plurality of frangible webs;
 - said tamper indicating band arrester having an annular step;
 - a tamper indicating bead extending radially inward from said tamper indicating band, said tamper indicating bead ~~positioned axially below said annular step~~ having an upper surface being substantially horizontal and substantially perpendicular to an inner surface of said tamper indicating band;
 - a tamper indicating band transition surface connecting an inner surface of said annular step and an inner surface of said tamper indicating band;

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said plurality of frangible webs located above said annular step;
said plurality of frangible webs adjacent said upper portion of said finish bead; and,
said tamper indicating bead having a tapered wall connecting an inner surface of
said tamper indicating bead to an inner surface of said tamper indicating band.

9. (canceled)

10. (canceled)

11. (canceled)

12. (canceled)

13. (currently amended) A closure and container combination, comprising:

a closure having a top wall and skirt depending from a peripheral edge of said top wall;
said skirt having a thread extending radially inward from an inner surface thereof;
a tamper indicating band frangibly connected to said skirt by a plurality of
frangible webs;

said tamper indicating band having an annular step extending radially inwardly from an
inner surface of said tamper indicating band;

a tamper indicating bead extending radially inwardly from said tamper indicating band,
said tamper indicating bead positioned axially below said annular step;

a container having an open end and an annular neck bead below said open end;

said neck bead having an upper portion with a substantially vertical wall of a first
diameter and a lower portion with a substantially vertical wall of a second diameter, said upper
and lower portions having a neck bead transition extending radially outwardly from said upper
portion to said lower portion;

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said annular step of said tamper indicating band in interfering relationship with said lower portion of said neck bead.

14. (original) The closure container combination of claim 13, said tamper indicating bead being positioned below said annular step and having a smaller diameter than said annular step.

15. (original) The closure and container combination of claim 13, said container neck bead comprising an upper and a lower portion.

16. (original) The closure and container combination of claim 15, said container neck bead upper portion having a smaller diameter than said container neck bead lower portion.

17. (original) The closure and container combination of claim 13, further comprising a knurled finish on an outer surface of said skirt.

18. (original) The closure and container combination of claim 13, wherein said plurality of frangible webs are located above said annular step and adjacent said upper portion of said finish bead.

19. (original) The closure and container combination of claim 13, wherein said plurality of frangible webs are located adjacent said upper portion of said neck bead.

20. (original) The closure and container combination of claim 13, said tamper indicating bead having at least one tamper indicating bead transition on said inner surface of said tamper indicating band.

21. (currently amended) A closure apparatus with a tamper indicating band arrester, comprising:

a closure having a top wall and a skirt depending from a peripheral edge of said top wall;
said skirt having a thread extending radially inward from an inner surface thereof;

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a tamper indicating band frangibly connected to said skirt by a plurality of frangible webs;

a corresponding container having a neck, a thread, and a container finish bead;

said container finish bead having an upper portion and a lower portion, ~~said lower portion extending radially inward beyond said upper portion between .02" and .07"~~ ;

said tamper indicating band having an annular step, said annular step having a smaller diameter than a lower portion of a finish bead and being positioned above said lower portion of said finish bead;

said plurality of frangible webs ~~located above~~ extending from an upper surface of said annular step;

a tamper indicating bead extending radially inwardly from said tamper indicating band;

said tamper indicating bead positioned axially below said annular step.

22. (previously presented) The closure apparatus with a tamper indicating band arrester of claim 21 further comprising at least one tamper indicating band transition depending from an inner surface of said annular step and below said frangible web.

23. (canceled)

24. (currently amended) A closure and container combination, comprising:

a closure having a top wall and skirt depending from a peripheral edge of said top wall;

said skirt having a thread extending radially inward from an inner surface thereof;

a tamper indicating band frangibly connected to said skirt by a plurality of frangible webs;

said tamper indicating band having an annular step extending radially inwardly from an

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inner surface of said tamper indicating band, said plurality of frangible webs extending from an upper surface of said annular step;

a tamper indicating bead extending radially inwardly from said tamper indicating band, said tamper indicating bead positioned axially below said annular step and having a substantially horizontal upper surface and inhibiting lateral force components;

a container having an open end and an annular neck bead below said open end, said neck bead having a substantially horizontal lower surface extending from said neck;

said annular step of said tamper indicating band in interfering relationship with said neck bead.